Physics Letters A 176 (1993) 463–468
North-Holland

PHYSICS LETTERS A

Author Index to Volume 176

Altukhov, I.V., M.S. Kagan, K.A. Korolev and V.P. Sinis, Gunn domains and stimulated far-infrared radiation in p-Ge under uniaxial deformation 176 (1993) 133
Annaorazov, M.P., see Nikitin, S.A. 176 (1993) 275
Apenko, S.M., Ya.M. Blanter and Yu.E. Lozovik, Transmission coefficient of ballistic junctions: the role of Coulomb interaction 176 (1993) 137
Ardehali, M., Experimental implications of Bell's theorem 176 (1993) 285
Arrachea, L., N. Canosa, A. Plastino and R. Rossignoli, Ground state of the Hubbard model: a variational approach based on the maximum entropy principle 176 (1993) 353
Arrowsmith, D.K. and F. Vivaldi, Some *p*-adic representations of the Smale horseshoe 176 (1993) 292
Auth, C. and H. Winter, Energy loss of 100 keV protons in single collisions with argon atoms 176 (1993) 109

Ban, M., Phase operator in quantum optics 176 (1993) 47
Belinsky, A.V. and D.N. Klyshko, A modified *N*-particle Bell theorem, the corresponding optical experiment and its classical model 176 (1993) 415
Berrettoni, M., see Di Cicco, A. 176 (1993) 375
Blanter, Ya.M., see Apenko, S.M. 176 (1993) 137
Bodriakov, V.Yu., see Nikitin, S.A. 176 (1993) 275
Bulgadaev, S.A., On the relation between the Berry phase and one-dimensional models with long-range $1/r^2$-interaction 176 (1993) 13
Bussey, P.J., The phonon as a model for elementary particles 176 (1993) 159

Canosa, N., see Arrachea, L. 176 (1993) 353
Canuto, S., see Castro, M.A. 176 (1993) 105
Castro, M.A. and S. Canuto, Coupled-cluster calculation of the static polarisabilities and hyperpolarisabilities of magnesium 176 (1993) 105
Chegotov, M.V., V.P. Silin and V. Stefan, Four wave sidescattering absolute instability of stimulated Brillouin backscattering in plasmas 176 (1993) 237
Chen, J. and M.J. Stott, Long range behaviour of the correlation potentials for atomic systems 176 (1993) 101
Chen, S.-T., Phase structure of clock spin models with dipolar and quadrupolar interactions 176 (1993) 149
Chern, J.-L. and K. Otsuka, Information theoretic consideration of the chaotic itinerancy in a globally coupled laser model 176 (1993) 213
Chiccoli, C., P. Pasini, F. Semeria and C. Zannoni, Are Monte Carlo simulation results affected by sample shape? An investigation based on the Lebwohl–Lasher model 176 (1993) 428
Chizhov, A.V. and B.K. Murzakhmetov, Photon statistics and phase properties of two-mode squeezed number states 176 (1993) 33
Chukov, V.N., see Klinger, M.I. 176 (1993) 259

Da Providência, J. and C. Quesne, Mean field generation of the classical *q*-deformation of su(2) 176 (1993) 403
Dargis, P. and P. Mathieu, Nonlocal conservation laws for supersymmetric KdV equations 176 (1993) 67

Dayawansa, W.P., see So, P. 176 (1993) 421
Depatie, D., see Elçi, A. 176 (1993) 393
Di Cicco, A. and M. Berrettoni, X-ray absorption multiple-scattering study of angle distribution in high-T_c superconductors 176 (1993) 375
Didosyan, Y.S., Anomalies in the subsound motion of the domain wall of yttrium orthoferrite 176 (1993) 371
Ding, X.X., see Liang, J.Q. 176 (1993) 165
Dohmen, R., F.-J. Niedernostheide, H. Willebrand and H.-G. Purwins, Analytical approach to stationary wall solutions in bistable reaction–diffusion systems 176 (1993) 207
Driebe, D.J., see Hasegawa, H.H. 176 (1993) 193
Duru, I.H. and M. Tomak, Casimir energies of localized light and electrons in disordered materials 176 (1993) 265
Dzyub, I.P. and Yu.E. Zerov, On the magnon-induced Cooper pairing in doped quantum antiferromagnets 176 (1993) 270

Ecke, R.E., see Mainieri, R. 176 (1993) 327
Elçi, A. and D. Depatie, Elementary quanta of open systems 176 (1993) 393
Enomoto, Y., Flux line dynamics under a transport current 176 (1993) 153
Ershov, S.V., Lyapunov exponents as measure averages 176 (1993) 89

Fedotov, S.P., Stochastic analysis of the thermal ignition of a distributed explosive system 176 (1993) 220
Finkbeiner, M., B. Fricke and T. Kühl, Calculation of the hyperfine structure transition energy and lifetime in the one-electron Bi^{82+} ion 176 (1993) 113
Fleischmann, M. and S. Pons, Calorimetry of the Pd–D_2O system: from simplicity via complications to simplicity 176 (1993) 118
Freyberger, M., K. Vogel and W.P. Schleich, From photon counts to quantum phase 176 (1993) 41
Fricke, B., see Finkbeiner, M. 176 (1993) 113
Fukuhara, K., K. Hamano, N. Kuwahara, J.V. Sengers and A.H. Krall, A characteristic temperature for the visibility of phase separation in a binary liquid mixture under shear 176 (1993) 344

Garcia, N., A.Z. Genack, R. Pnini and B. Shapiro, Intensity correlation in waveguides 176 (1993) 458
Geissler, K., A. Meineke, H. Riege, K. Schmidt and J. Handerek, Intense laser-induced self-emission of electrons from ferroelectrics 176 (1993) 387
Genack, A.Z., see Garcia, N. 176 (1993) 458
Goldanskii, V.I. and A.S. Mikhailov, Correlated fluctuations: causality in stochastic cooperative systems 176 (1993) 6
Gombert, M.-M., see Rahal, H. 176 (1993) 443
Gou, S., The space-charge effects on photon statistics and squeezing properties in a free-electron laser 176 (1993) 243
Gouvêa, M.E., see Pereira, A.R. 176 (1993) 279
Grosse, H. and E. Langmann, Supersymmetry breaking and the Jaynes–Cummings model 176 (1993) 307

Hahn, S.J. and J.K. Lee, Bifurcations in a short-pulse free-electron laser oscillator 176 (1993) 339
Hamano, K., see Fukuhara, K. 176 (1993) 344
Han, Y.D. and I.G. Koh, A constraint on Berry's phases and its applications 176 (1993) 9
Handerek, J., see Geissler, K. 176 (1993) 387
Hasegawa, H.H. and D.J. Driebe, Spectral determination and physical conditions for a class of chaotic piecewise-linear maps 176 (1993) 193

Henkel, J., see Millack, T. 176 (1993) 433
Hogeweg, P., see Panfilov, A. 176 (1993) 295
Horiguchi, T., Spin model with fuzzy Ising spin 176 (1993) 179

Izmailov, A.F., K. Levon and A. Margolina, Algebraic approach to the solution of the relaxation problem with a non-conserved order parameter 176 (1993) 313

Jaenicke, J. and H. Kleinert, Loop corrections to the effective classical potential 176 (1993) 409
Jarlborg, T. and P. Lerch, Specific heat enhancements from effects of density-of-states and charge transfers 176 (1993) 130

Kagan, M.S., see Altukhov, I.V. 176 (1993) 133
Kanazawa, I., Melting and the confinement phase 176 (1993) 246
Klamut, P.W. and J. Olejniczak, An anomaly in the temperature dependence of the ac susceptibility of $Sm_{2-x}Sr_xCuO_4$ 176 (1993) 454
Kleinert, H., see Jaenicke, J. 176 (1993) 409
Klinger, M.I., V.N. Chukov and S.N. Taraskin, On the fast crossing of a quasicontinuum energy band by a moving energy level 176 (1993) 259
Klyshko, D.N., see Belinsky, A.V. 176 (1993) 415
Koch, P.M., see Wunderlich, C. 176 (1993) 317
Koh, I.G., see Han, Y.D. 176 (1993) 9
Koike, F., Theory of inelastic scattering of low energy electrons by lanthanide and actinide atoms 176 (1993) 439
Korolev, K.A., see Altukhov, I.V. 176 (1993) 133
Krall, A.H., see Fukuhara, K. 176 (1993) 344
Kuang, L.-M., F.-B. Wang and G.-J. Zeng, The k-component q-coherent state representations of the quantum Heisenberg–Weyl algebra 176 (1993) 1
Kühl, T., see Finkbeiner, M. 176 (1993) 113
Kusmartsev, F.V., see Nersesyan, A.A. 176 (1993) 363
Kuwahara, N., see Fukuhara, K. 176 (1993) 344
Kuzník, J. and K. Rogacki, Observation of a devil's staircase on a $GdMo_6Se_8$ Josephson junction 176 (1993) 144

Langmann, E., see Grosse, H. 176 (1993) 307
Lee, J.K., see Hahn, S.J. 176 (1993) 339
Lerch, P., see Jarlborg, T. 176 (1993) 130
Levon, K., see Izmailov, A.F. 176 (1993) 313
Li, G., see Peng, J. 176 (1993) 230
Liang, J.Q. and X.X. Ding, Dynamics of a neutron in electromagnetic fields and quantum phase interference 176 (1993) 165
Liu, L., Volume, pressure and temperature dependences of vibrational frequencies 176 (1993) 448
Lou, S., Painlevé test for the integrable dispersive long wave equations in two space dimensions 176 (1993) 96
Lozovik, Yu.E., see Apenko, S.M. 176 (1993) 137
Lu, Z.-H., see Zhu, Y.-M. 176 (1993) 141
Luo, Z.-H., see Zhu, Y.-M. 176 (1993) 141
Luther, A., see Nersesyan, A.A. 176 (1993) 363

Ma, J., see Sheng, Z. 176 (1993) 333
Mainieri, R. and R.E. Ecke, Phase shift in experimental trajectory scaling functions 176 (1993) 327
Man'ko, V.I., G. Marmo, S. Solimeno and F. Zaccaria, Correlation functions of quantum *q*-oscillators 176 (1993) 173
Margolina, A., see Izmailov, A.F. 176 (1993) 313
Marmo, G., see Man'ko, V.I. 176 (1993) 173
Mathieu, P., see Dargis, P. 176 (1993) 67
Meineke, A., see Geissler, K. 176 (1993) 387
Mel'nikov, V.I., Cotunneling rate in a series array of tunnel junctions 176 (1993) 267
Mikhailov, A.S., see Goldanskii, V.I. 176 (1993) 6
Millack, T., V. Véniard and J. Henkel, Floquet analysis of wavefunctions of atoms interacting with a short, strong laser pulse 176 (1993) 433
Mnich, K., A complete set of constants of motion for the generalized Sutherland–Moser system 176 (1993) 189
Mochizuki, S., Time evolution of the optical spectra of the rubidium vapor zone produced by thermal evaporation in helium gas 176 (1993) 382
Moorman, L., see Wunderlich, C. 176 (1993) 317
Murzakhmetov, B.K., see Chizhov, A.V. 176 (1993) 33

Nersesyan, A.A., A. Luther and F.V. Kusmartsev, Scaling properties of the two-chain model 176 (1993) 363
Niedernostheide, F.-J., see Dohmen, R. 176 (1993) 207
Nikitin, S.A., M.P. Annaorazov, V.Yu. Bodriakov and A.L. Tyurin, Giant anomalies of the Young's modulus and internal friction of FeRh alloy above the AFM–FM transition point 176 (1993) 275

Oleiniczak, J., see Klamut, P.W. 176 (1993) 454
Osborne, A.R., Numerical inverse scattering transform for the periodic, defocusing nonlinear Schrödinger equation 176 (1993) 75
Otsuka, K., see Chern, J.-L. 176 (1993) 213
Ott, E., see So, P. 176 (1993) 421

Panfilov, A. and P. Hogeweg, Spiral breakup in a modified FitzHugh–Nagumo model 176 (1993) 295
Paranjpe, A.S., Two-dimensional pattern growth from aqueous glucose solutions on a glass substrate 176 (1993) 349
Pasini, P., see Chiccoli, C. 176 (1993) 428
Pavón, D., see Zimdahl, W. 176 (1993) 57
Peng, J. and G. Li, Atomic coherent trapping in a system of two two-level atoms interacting with a single-mode field 176 (1993) 230
Pereira, A.R., A.S.T. Pires and M.E. Gouvêa, Spin-wave scattering by solitons in a two-dimensional easy-axis ferromagnetic model 176 (1993) 279
Pierro, V. and I.M. Pinto, SNR degradation in matched-filter detection of GW chirps from coalescing binaries due to neglect of the relativistic periastron advance, Physics Letters A 173 (1993) 121. Erratum 176 (1993) 462
Pinto, I.M., see Pierro, V. 176 (1993) 462
Pires, A.S.T., see Pereira, A.R. 176 (1993) 279
Plastino, A., see Arrachea, L. 176 (1993) 353
Pnini, R., see Garcia, N. 176 (1993) 458
Pons, S., see Fleischmann, M. 176 (1993) 118
Purwins, H.-G., see Dohmen, R. 176 (1993) 207

Quesne, C., see Da Providência, J. 176 (1993) 403

Rahal, H., M.-M. Gombert and A. Valance, Calculation of the photoionization of 2^1S and 2^3S states of helium with model potential 176 (1993) 443
Riege, H., see Geissler, K. 176 (1993) 387
Rogacki, K., see Kuzník, J. 176 (1993) 144
Rossignoli, R., see Arrachea, L. 176 (1993) 353
Rozenbaum, V.M., Davydov splitting in the vibration spectrum for a system of inclined-oriented dipoles on a square lattice 176 (1993) 249
Rudavets, M.G., The role of pair correlations in diffusion limited recombination $A+B\rightarrow 0$ 176 (1993) 62

Sánchez, J., Entropic uncertainty and certainty relations for complementary observables, Phys. Lett. A 173 (1993) 233. Erratum 176 (1993) 462
Schleich, W.P., see Freyberger, M. 176 (1993) 41
Schmidt, K., see Geissler, K. 176 (1993) 387
Semeria, F., see Chiccoli, C. 176 (1993) 428
Sengers, J.V., see Fukuhara, K. 176 (1993) 344
Shapiro, B., see Garcia, N. 176 (1993) 458
Shen, M.-Y. and S.-L. Zhang, Band gap of a silicon quantum wire 176 (1993) 254
Sheng, Z., J. Ma, W. Yu and Z. Xu, Variational approach to the copropagation of an ultrashort laser pulse with an electron plasma wave 176 (1993) 333
Shukla, P.K., Global vortices in nonuniform gravitating systems 176 (1993) 54
Silin, V.P., see Chegotov, M.V. 176 (1993) 237
Sinis, V.P., see Altukhov, I.V. 176 (1993) 133
Slater, P.B., Prior distributions for spin and temperature measurements in individual and composite spin-$\frac{1}{2}$ systems 176 (1993) 184
So, P., E. Ott and W.P. Dayawansa, Observing chaos: deducing and tracking the state of a chaotic system from limited observation 176 (1993) 421
Solimeno, S., see Man'ko, V.I. 176 (1993) 173
Sommerer, J.C., A universal scaling for noise-induced metastability 176 (1993) 85
Sornette, D., Irreversible mean-field model of the critical behavior of charge-density waves below the threshold for sliding 176 (1993) 360
Stefan, V., see Chegotov, M.V. 176 (1993) 237
Stott, M.J., see Chen, J. 176 (1993) 101
Szydlowski, M., Toward an invariant measure of chaotic behaviour in general relativity 176 (1993) 22

Tainaka, K., Paradoxical effect in a three-candidate voter model 176 (1993) 303
Taraskin, S.N., see Klinger, M.I. 176 (1993) 259
Tomak, M., see Duru, I.H. 176 (1993) 265
Tyurin, A.L., see Nikitin, S.A. 176 (1993) 275

Valance, A., see Rahal, H. 176 (1993) 443
Véniard, V., see Millack, T. 176 (1993) 433
Vivaldi, F., see Arrowsmith, D.K. 176 (1993) 292
Vogel, K., see Freyberger, M. 176 (1993) 41

Wan Abdullah, W.A.T., The logic of neural networks 176 (1993) 202

Wang, F.-B., see Kuang, L.-M. 176 (1993) 1
Wang, Y., Exact solution for an integrable quantum field model 176 (1993) 19
Wei, Q.-H., see Zhu, Y.-M. 176 (1993) 141
Wei, Y., see Zhu, Y.-M. 176 (1993) 141
Willebrand, H., see Dohmen, R. 176 (1993) 207
Winter, H., see Auth, C. 176 (1993) 109
Wunderlich, C., L. Moorman and P.M. Koch, Observation of intermittent behavior in a radio-frequency discharge 176 (1993) 317

Xu, Z., see Sheng, Z. 176 (1993) 333

Yu, W., see Sheng, Z. 176 (1993) 333

Zaccaria, F., see Man'ko, V.I. 176 (1993) 173
Zannoni, C., see Chiccoli, C. 176 (1993) 428
Zeng, G.-J., see Kuang, L.-M. 176 (1993) 1
Zerov, Yu.E., see Dzyub, I.P. 176 (1993) 270
Zhang, S.-L., see Shen, M.-Y. 176 (1993) 254
Zhang, W., Photon-induced quantum pair correlation in an ideal quantum atomic gas with two internal levels 176 (1993) 225
Zhedanov, A.S., On the realization of the Weyl commutation relation $HR=qRH$ 176 (1993) 300
Zhu, P., see Zhu, Y.-M. 176 (1993) 141
Zhu, Y.-M., P. Zhu, Q.-H. Wei, Z.-H. Lu, Y. Wei and Z.-H. Luo, Liquid crystal alignment on polymer liquid crystal Langmuir–Blodgett films 176 (1993) 141
Zhuk, A., Perfect fluid wormholes 176 (1993) 176
Zimdahl, W. and D. Pavón, Cosmology with adiabatic matter creation 176 (1993) 57